

A. CLASSIFICATION OF SUBJECT MATTER

IPC 7 B29C55/00 B29C55/02 B32B31/02

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 B29C B32B

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the International search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	EP 1 226 013 B (NUOVA PANSAC S.P.A.) 13 August 2003 (2003-08-13) cited in the application	1-9
X	-----	10, 11
X	WO 01/32116 A (KIMBERLY-CLARK WORLDWIDE, INC) 10 May 2001 (2001-05-10) claims 1-5, 14	12, 13
A	----- WO 99/62695 A (THE GOODYEAR TIRE & RUBBER COMPANY; VARGO, RICHARD, DAVID; HUFFSTETLER) 9 December 1999 (1999-12-09) figure 1 -----	11

☐ Further documents are listed in the continuation of box C.☒ Patent family members are listed in annex.*** Special categories of cited documents:*****A*** document defining the general state of the art which is not considered to be of particular relevance***E*** earlier document but published on or after the International filing date***L*** document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)***O*** document referring to an oral disclosure, use, exhibition or other means***P*** document published prior to the International filing date but later than the priority date claimed***T*** later document published after the International filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention***X*** document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone***Y*** document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.***G*** document member of the same patent family

Date of the actual completion of the International search

4 March 2005

Date of mailing of the International search report

14/03/2005

Name and mailing address of the ISA

European Patent Office, P.B. 5818 Patentlaan 2
NL - 2280 HV Rijswijk
Tel (+31-70) 340-2040, Tx. 31 651 epo nl,
Fax (+31-70) 340-3016

Authorized officer

Attalla, G

Patent document cited in search report		Publication date	Patent family member(s)	Publication date
EP 1226013	B	31-07-2002	IT MI992318 A1	07-05-2001
			AT 246986 T	15-08-2003
			DE 60004555 D1	18-09-2003
			DE 60004555 T2	17-06-2004
			EP 1226013 A1	31-07-2002
			ES 2204707 T3	01-05-2004
			WO 0132394 A1	10-05-2001
WO 0132116	A	10-05-2001	US 6794024 B1	21-09-2004
			AU 772962 B2	13-05-2004
			AU 1241001 A	14-05-2001
			BR 0015251 A	17-09-2002
			CN 1414843 A	30-04-2003
			EP 1225861 A1	31-07-2002
			JP 2003515619 T	07-05-2003
			MX PA02004364 A	07-11-2002
			WO 0132116 A1	10-05-2001
			ZA 200202994 A	16-04-2003
WO 9962695	A	09-12-1999	WO 9962695 A1	09-12-1999
			AU 7709898 A	20-12-1999
			BR 9815872 A	20-02-2001
			CA 2333102 A1	09-12-1999
			EP 1084023 A1	21-03-2001
			JP 2002516786 T	11-06-2002